

Annual Return
OF
Statistics
RELATING TO
Forest Administration
IN
British India
For the year
1920-21.



CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1922
Price Rs. 1 and 6 annas.

Annual Return
OF
Statistics
RELATING TO
Forest Administration
IN
British India
For the year
1920-21.



CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1922

**Agents for the Sale of Books published by the
Superintendent of Government Printing India, Calcutta.**

IN EUROPE.

Constable & Co., 10, Orange Street, Leicester Square, London, W.C.	W. Thacker & Co., 2, Great Lane, London, E.C.
Hogan Paul, Trevel, Trubner & Co., 69 74, Carter Lane, E.C., and 39, New Oxford Street, London, W.C.	T. Fisher Unwin, Ltd., 1, Adelphi Terrace, London, W.C.
Bernard Quaritch, 11, Grafton Street, New Bond Street, London, W.	Wheldon and Wesley Ltd., 23, Essex Street, London, W.C.
P. S. King & Sons, 2 & 4, Great Smith Street, West- minster, London, S.W.	J. B. Hachmann, 20 & 22, Broad Street, Oxford
P. S. King & Co., 65, Cornhill, E.C., and 9, Pall Mall, London, W.	Deighton Bell & Co., Ltd., Cambridge
Grindley & Co., 54, Parliament Street, London, S.W.	Oliver and Boyd, Tweeddale Court, Edinburgh
Luzac & Co., 40, Great Russell Street, London, W.C.	E. Ponsonby, Ltd., 110, Grafton Street, Dublin
	E. & F. Leveson, 28, Rue Bonaparte, Paris
	Martina Nijhoff, The Hague, Holland
	Otto Harrmann, Leipzig
	Friedländer and Sohn, Berlin

IN INDIA AND CEYLON.

Thacker Spink & Co., Calcutta and Simla.	Mangaldas (Partners), Surat
Newman & Co., Calcutta	Karnadras Narandas & Sons, Surat
R. Combray & Co., Calcutta.	A. H. Wheeler & Co., Allahabad, Calcutta and Lombay.
B. K. Ishki & Co., Calcutta.	N. B. Mathur, Supdt., Hazle Rangoon Hind Press, Allahabad
B. B. Bhatia & Co., Calcutta	Munshi Saktaram, Managing Proprietor, 1st and Army Loan Dept., Field (Warrent)
The Indian School Supply Depot, 509, Bow Bazar Street, Calcutta, and 220, Nannabpur, Dacca	Rai Sahib M. Gulab Singh & Sons, Mussalman Press, Lahore and Allahabad
Butterworth & Co. (India), Ltd., Calcutta	Rama Krishna & Sons, Lahore.
Rai M. C. Farwar Bahadur & Sons, 99 21, Harrison Road, Calcutta	Supdt., American Baptist Mission Press, Rangoon
The Waldon Library, 87, Park Street, West, Calcutta	Proprietor, Rangoon Times Press, Rangoon
Standard Literature Co., Ltd., Calcutta.	Manager, the "Hittavada," Rangoon.
Lal Chand & Sons, Calcutta	S. C. Talaladar, Proprietor, Student Co., Cochin Delhi
Association Press Calcutta	A. M. & J. Ferguson, Ceylon
Higginbotham & Co., Madras.	Manager, Educational Book Depot, Nagpur and Jubbulpore
V. Kalyanaswami Iyer & Co., Madras	Manager of the Imperial Book Depot, 13, Chandney Chauk Street, Delhi
G. A. Natesan & Co., Madras.	Manager, "The Agra Medical Hall and Co-operative Association, Ltd." (Successors to A. John & Co., Agra)
S. Murthy & Co., Madras.	Supdt., Delhi Mission Book and Tract Depository, Marsalore
Thompson & Co., Madras.	P. Venadachary & Co., Madras
Temple & Co., Madras	Ram Dayal Agrawal, 184, Kutra, Allahabad
P. R. Rama Iyer & Co., Madras.	D. C. Anand & Sons, Peshawar
Vas & Co., Madras	Manager New Kishore Press, Lucknow
P. M. Gopalakrishna Kone, Madras	Manager, In Gate, Press, 1st and 2nd Depot, Lucknow
Thacker & Co., Ltd., Bombay	
D. B. Tarporevala, Sons & Co., Bombay.	
Mrs. Radhabai Atmaram Sagoon, Bombay.	
Shree Pandurang, Bombay.	
Gopal Narayan & Co., Bombay.	
Ram Chandra Govind & Son, Kumbhaveri, Bombay	
Proprietor, New Kishore Press, Lucknow	
The Standard Bookhall, Karachi	

* Agents for the sale of Legislative Department publications only

CONTENTS.

	STATEMENTS.	PAGE.
STATEMENT	I.—Area of forests under the control of the Forest Department	1
„	II.—Progress of forest settlements	2
„	III.—Demarcation and maintenance of boundaries	3
„	IV.—Forest Survey operations	4
„	V.—Progress in working plans	5
„	VI.—Expenditure on communications and buildings	6
„	VII.—Breaches of forest rules	7—8
„	VIII.—Area protected from fire	9
„	IX.—Causes of forest fire	10
„	X.—Area closed and open to grazing	11
„	XI.—Protection from cattle	12—13
„	XII.—Area of plantations and cost of the year's work	14
„	XIII.—Outturn of forest produce	15
„	XIV.—Forest produce removed by different agencies	16—17
„	XV.—Exports of forest produce	18
„	XV(a).—Imports of timber into British India	19
„	XVI.—Value of forest produce given away free or at reduced rates	20
„	XVII.—Details of revenue and expenditure	21
„	XVIII.—Summary of revenue and expenditure	22—23
„	XIX.—Revenue, expenditure and surplus for the 22 years from 1899-00 to 1920-21 and the average of 6 quinquennial years from 1869-70 to 1898-99.	24—29

APPENDIX.

1. Diagram showing annual forest revenue, expenditure and surplus for the 10 years 1911-12 to 1920-21.

STATEMENT I.

Area of forests under the control of the Forest Department.

PROVINCE.		FOREST AREA IN SQUARE MILES.				Percentage of forests to whole area of Province	REMARKS.
Name.	Area in square miles	Reserved	Protected.	Unclassified State	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Bengal	78,668	(a) 4,889	(b) 1,708	4,030	10,627	13.5	(a) Excludes 17 square miles of reserved forest not under the management of the Forest Department. (b) Excludes 54 square miles not under the control of the Forest Department.
United Provinces	106,720	(c) 7,373	4	65	7,442	7.0	(c) Includes 156 square miles of leased forests.
Punjab	97,281	(d) 2,060	(e) 4,030	(f) 530	6,620	6.8	(d) Includes 359 square miles of leased forests but excludes 111 square miles of reserved forests not under the control of the Forest Department.
Burma	*226,911	29,931	...	115,822	145,810	64.3	(e) Excludes 353 square miles not under the control of the Forest Department. (f) Excludes 218 square miles not under the control of the Forest Department.
Bihar and Orissa	83,081	1,751	(g) 1,273	10	3,034	3.7	(g) Excludes 794 square miles not under the control of the Forest Department.
Assam	49,243	5,647	...	15,855	21,502	43.7	
Central Provinces (including Deccan)	99,949	(h) 19,640	..	..	19,640	19.7	(h) Excludes 25 square miles not under the control of the Forest Department.
Coorg	1,582	520	..	...	520	32.9	
North-West Frontier Province.	13,184	(i) 236	(j)	...	236	1.8	(i) Excludes 14 square miles of military and civil reserved forests. (j) 121 square miles of civil protected forests are not shown.
Ajmer	2,767	142	(k)	...	142	5.1	(k) There are only 115 acres of protected forests in Ajmer.
Baluchistan (portions under British administration).	†54,228	313	...	472	785	1.4	
Andamans and Nicobars	†8,143	85	...	2,122	2,207	70.2	
Madras	142,387	18,825	...	(l) 500	19,325	13.6	(l) Reserved lands.
Bombay (including Sind)	123,220	(m) 12,076	(n) 496	...	12,572	10.2	(m) Excludes Forests in charge of the Revenue Department.
Total 1920-21	1,082,260	103,491	7,516	139,466	250,473	23.1	
„ 1919-20	1,080,814	103,003	7,941	140,006	250,940	23.2	
„ 1918-19	1,080,794	101,639	8,557	141,272	251,468	23.3	
„ 1917-18	1,080,650	101,433	8,752	141,527	251,712	23.3	
„ 1916-17	1,078,585	100,308	9,140	137,131	246,579	22.9	

* Including 54,728 square miles for the Shan States.
† Reported from the Census report of 1911.
‡ Excluding Delhi Province and Fargana Nannu.

STATEMENT II.

Progress made in Forest Settlements during the year 1920-21.

PROVINCE.	AREA IN SQUARE MILES.			COST DURING YEAR.		Entire cost per square mile of areas finally settled
	Finally settled during year	In hand at commencement of year	Taken in hand during year.	In Forest Accounts	In other Accounts	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bengal . . . . .	...	27	3	...	...	...
United Provinces . . .	601	276	...	250	...	243
Punjab . . . . .	.	19	...	17	...	...
Burma	30	2,735	256	2,890	...	...
Bihar and Orissa . . .	54	64	28	...	...	...
Assam	3	303	9	120	...	24
Central Provinces . . .	2	2	1	...	...	...
Coorg . . . . .	..	...	...	...	...	...
North-West Frontier Province	..	...	...	...	...	...
Ajmer . . . . .	.	...	...	...	...	...
Beluchistan . . . . .	.	313	...	...	...	...
Andamans . . . . .	...	85	...	...	...	...
Madras	50	474	2	5,369	1,061	...
Bombay	9	97	16	2,830	...	...
Total 1920-21	758	4,389	315	11,194	1,961	...
„ 1919-20	1,774	3,876	1,982	32,671	...	...
„ 1918-19	561	8,503	1,359	34,303	..	...
„ 1917-18	895	8,654	277	20,911	...	...
„ 1916-17	1,261	8,736	1,033	127,041	...	...

STATEMENT III.

Demarcation and maintenance of boundaries.

Province.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year	Length of natural boundaries not requiring artificial marks	Total length of boundaries at the close of the year.	EXPENDITURE ON DEMARCATION DURING THE YEAR.	
								On new work	On repairs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Miles	Miles.	Miles.	Miles.	Miles.	Miles	Miles.	Rs.	Rs.
Bengal . . .	16	994	779	1,780	87	1,129	3,005	519	7,332
United Provinces . .	39	3,231	8,807	12,077	10	2,696	14,783	6,934	21,193
Punjab . . .	64	1,062	7,771	8,897	48	1,252	10,197	1,336	2,338
Burma . . .	217	2,572	14,823	17,612	369	3,800	21,781	4,935	19,590
Bihar and Orissa . .	30	3,012	1,190	4,532	...	343	4,875	948	760
Assam . . .	36	1,418	897	2,351	11	2,047	4,409	314	7,919
Central Provinces . .	393	7,143	22,753	30,294	263	3,181	33,738	911	12,469
Cooch . . .	...	...	480	480	...	56	536	51	404
North-West Frontier Province .	...	160	617	777	...	139	916	...	973
Ajmer . . .	...	2	241	243	...	158	401	...	190
Baluchistan . . .	...	...	460	460	—	77	537	...	—
Andamans . . .	...	...	24	24	33	72	129	...	...
Madras . . .	79	20,077	11,805	31,961	430	2,006	34,397	3,742	10,329
Bombay . . .	43	20,151	19,496	39,695	140	2,820	42,661	1,163	3,924
Total 1920-21 . .	922	59,827	90,443	151,192	1,400	19,776	172,368	20,853	87,451
„ 1919-20 . .	865	64,505	86,330	151,700	1,564	19,009	172,273	30,306	90,578
„ 1918-19 . .	1,171	60,939	89,269	151,379	1,579	18,483	171,441	24,886	93,672
„ 1917-18 . .	1,084	67,024	82,903	151,028	2,077	18,493	171,596	24,369	113,914
„ 1916-17 . .	3,057	55,758	91,851	150,686	2,508	18,331	171,508	55,417	87,732

STATEMENT IV.
Forest Survey Operations, 1920-21.

Forest Survey Operations, 1920-21											
Province	Forest surveyed	NATURE OF SURVEY OPERATIONS						TOTAL AREA OF DETAIL SURVEY.		Expenditure of the year including mapping and publishing charges debtible to Forests	REMARKS
		1 st Detail Survey		2 nd Detail Survey		4 th Detail Survey		1920- 1921	Total up to date		
		Area	Cost rate	Area	Cost rate	Area	Cost rate				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		sq m	Rs	sq m	Rs	sq m	Rs	sq m	sq m.	Rs	
Bengal	Jalpaiguri								3,265	100	
	Duxa										
	Chakrata										
	Haldwari							8			
	North Garhwal			8	80			8			
	South Garhwal			170	80			170			Cost not debtible to "Forests"
	Central Almora			7	80			27	6,463	5,923	Cost of survey not debtible to "Forests"
United Provinces	East Almora	2	2	187	80			200			Cost not debtible to "Forests"
	Ranikhet			64	80			64			Ditto
	Naini Tal										
	North Kheri										
	Utilisation (Barilly)										
Punjab	Kanera								4,395	310	
	Jalore										
	Bassam										
	Atarini										
	Mansi					103	811.2	433	17,687	50,770	114 1/2 linear miles of boundaries have been traversed
Burma	Mandalay (Maymyo)										217 1/2 linear miles of boundaries have been traversed
	Mektila			45.1	811.2			45.1			Cost not debtible to "Forests"
	Southern Shan States			27	811.2			27			
Delhi and Orissa									1,763		Cost not debtible to "Forests"
	Khasi and Jaintia Hills			48	80.3			48			10 1/2 linear miles of boundaries have been traversed
	Cochar			26.1	80.3			26.4	4,234		Cost not debtible to "Forests"
Assam	Norconga			17.2	80.3			17.2			22.2 linear miles of boundaries have been traversed
	Subsagar										17 1/2 linear miles of boundaries have been traversed
	Netal										
Central Provinces	Surveil								12,600	254	
	Nagpur										
	Balaghat										
Coorg									472		
North-West Frontier Province									145		
Ajmer									144		
Bahawalpur									2.7		
Andamans									827		
	Guntur	317	23.0	562.5	80.3			577.2			Cost not debtible to "Forests"
	East Karnool										
	West Karnool										
Madras	Nellore	215	29.0	72.1	80.3			101.0	16,531	635	Ditto
	West Vellore										Ditto
	Madura			10	80.3			10			
	Nilambur										
Delhi									12,033		
TOTAL 1920-21		60		1,294		10		1,420	68,511	97,573	Cost of mapping, publishing and special surveys only, excludes Forest Map Office, Headquarters charges
" 1919-20		291		820		35		1,195	87,071	97,325	Ditto
" 1918-19				100		180		209	53,003	68,980	Ditto
" 1917-18		12		760		303		1,071	85,009	5,174	Ditto
" 1916-17				426		230		651	81,537	29,893	Ditto

NOTE.—The figures in column (10) for each Province have been obtained by adding column (2) to the figures given in column (9) of the published statement in Annual Report of Statistics for the year 1919-20.

STATEMENT V.

Progress made in Working Plans.

PROVINCE.	AREA UNDER SANCTIONED WORKING PLANS.					AREA NOT UNDER WORKING PLANS				REVISIONS			
	At commencement of the year.	Added during the year	Deducted during the year	AT CLOSE OF YEAR.		PLANS NOT UNDER PREPARATION.				Due or required	In progress at the end of the year.	Revised plans sanctioned during the year.	Expenditure on working plans during the year.
				Actual Area	Percentage of total forest area (as shown in column 10).	Plans under preparation.	Required at present.	Not required at present.	Total forest area in Statement I (Total of columns 5, 7, 8 and 9)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Bengal . . .	4,801	20	5	4,810	45	1,608	...	4,200	10,627	210	72	523	15,854
United Provinces .	4,228	6	3	4,229	57	2,727	446	40	7,142	1,312	500	...	33,962
Punjab . . .	2,700	1	1	2,700	42	174	...	3,662	6,026	...	589	1,315	214
Burma . . .	10,855	1,307	1,308	10,854	7	328	8,236	126,308	145,816	999	527	...	...
Bihar and Orissa .	1,461	...	...	1,461	48.2	24	43	1,505	3,038	516	912	190	936
Assam . . .	729	...	...	729	3.4	184	2,594	17,995	21,502	240	...	...	...
Central Provinces .	16,859	...	...	16,859	86	216	237	2,328	19,610	2,619	...	...	...
Cooch . . .	520	...	...	520	100	...	...	...	520	...	...	...	...
North-West Frontier Province.	236	...	...	236	100	...	...	...	236	236	...	...	...
Ajmer . . .	112	...	...	112	100	...	...	...	112	...	...	...	...
Baluchistan . . .	...	...	...	...	...	...	...	785	785	...	...	...	...
Andamans . . .	708	...	...	708	32	...	...	1,409	2,207	...	...	...	...
Madras . . .	8,274	121	...	8,395	43.1	1,611	5,889	3,420	19,325	...	...	...	...
Bombay . . .	7,851	138	147	7,812	62.4	1,141	1,026	2,553	12,572	2,725	1,888	964	419
Total 1920-21 .	59,455	1,593	1,464	59,584	23.8	8,013	18,491	164,385	250,473	8,766	4,578	2,898	51,145
„ 1919-20 .	60,180	452	1,123	59,520	...	8,704	18,151	161,561	250,936	9,052	6,019	...	24,165
„ 1918-19 .	60,155	1,014	499	60,670	24.0	7,970	18,204	165,661	252,505	9,397	9,233	1,079	57,333
„ 1917-18 .	59,557	2,283	115	60,724	24.0	7,746	18,085	166,000	252,555	9,300	10,015	...	28,996
„ 1916-17 .	59,763	1,846	21	59,588	23.6	8,340	27,865	152,097	247,880	8,483	10,165	1,125	59,015

STATEMENT VI.

Expenditure on communications and buildings.

PROVINCE.	NEW WORKS.		REPAIRS		Other Works	TOTAL.
	Buildings.	Roads.	Buildings.	Roads.		
	(2)	(3)	(4)	(5)	(6)	(7)
(1)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	68,867	25,426	31,216	26,028	7,740	1,02,275
United Provinces	7,10,048	61,741	65,593	1,09,141	18,481	9,73,992
Punjab	85,627	46,121	15,107	17,618	8,115	1,73,246
Burma	1,09,758	1,68,980	56,081	63,331	18,684	4,16,811
Bihar and Orissa	28,220	28,737	18,607	20,189	2,418	1,07,112
Assam	24,724	23,712	33,527	19,667	10,432	1,02,062
Central Provinces	29,523	74,173	26,311	47,157	38,523	2,15,690
Coorg	21,542	81,700	9,001	8,361	2,499	1,23,199
North-West Frontier Province	10,740	1,727	4,295	3,247	255	29,264
Ajmer	417	...	21	153	3,296	3,917
Baluchistan . . . . .	...	...	127	...	...	127
Andamans	29,545	39,888	209	45,141	3,012	1,07,793
Madras	1,23,052	2,21,886	61,598	68,930	11,212	4,94,601
Bombay	1,12,463	1,39,036	40,065	1,53,075	16,008	4,50,647
Total 1920-21	13,73,451	8,06,600	3,55,041	5,00,017	1,40,785	33,55,747
" 1919-20	15,01,541	9,06,550	3,74,667	5,02,748	1,49,898	39,15,407
" 1918-19	10,86,453	9,78,215	3,10,717	5,16,577	1,29,377	30,21,330
" 1917-18	3,52,474	4,38,231	2,80,533	4,02,362	1,19,129	15,87,770
" 1916-17	2,24,902	3,29,397	2,61,628	3,14,193	1,03,959	12,35,078

STATEMENT VII.

Breaches of forest rules.

PROVINCE	Cases pending from 1910-1930.	NEW CASES OF THE YEAR.						TOTAL CASES	DISPOSED OF DURING THE YEAR						Cases pending at close of year
		Injury to forest by fire	Unauthorized felling or appropriation of wood and minor forest produce	Grazing without permission, or in tracts in which grazing is prohibited	Other offences	Total new cases of the year	CONVICTION		ACQUITTAL		TOTAL				
							Cases		Persons	Cases	Persons	Cases	Persons		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Bengal	A	91	1	137	20	49	210	307	136	876	17	69	160	111	147
	B	97	3	827	717	359	1,900	2,029	1,911	7,311	1	1	1,012	3,312	112
	C		47	66	10	23	140	146			...	..	
	Total	184	61	1,030	766	431	2,250	2,482	2,047	3,687	18	69	2,066	3,766	259
United Provinces	A	47	16	60	31	42	130	160	105	250	37	174	139	430	45
	B	164	63	1,191	1,107	136	2,590	3,281	2,776	11,308	163	636	2,060	16,031	329
	C		89	112	3	9	204	201			...				
	Total	201	169	1,084	1,141	187	3,173	3,671	2,681	11,651	219	609	2,094	16,460	373
Punjab	A	161	16	141	132	165	413	694	501	674	60	166	361	739	212
	B	110	11	1,466	3,819	1,073	6,469	6,798	6,216	9,090	30	10	6,243	9,070	243
	C		173	6			179	179							
	Total	261	100	1,614	3,983	1,224	7,020	7,531	6,616	9,651	70	106	6,604	9,620	454
Bihar and Orissa	A	61	1	69	11	32	103	163	69	122	14	104	113	620	41
	B	78	1	1,009	161	37	1,201	1,372	1,273	3,611			1,273	8,611	93
	C		89	2			60	60							
	Total	139	60	1,150	172	75	1,360	1,605	1,372	1,233	14	104	1,386	8,737	131
Burma	A	296	6	290	14	77	296	630	260	622	65	169	415	731	
	B	960	16	2,347	240	1,229	4,022	4,931	3,794	5,500			3,794	6,100	
	C	3	19	39		3	55	61							
	Total	1,177	40	2,572	254	1,309	4,473	5,521	4,164	6,022	65	169	4,209	6,131	1,250
Assam	A	101		107	12	32	161	272	149	319	80	62	170	310	73
	B	76	1	374	70	143	603	680	618	1,206			618	1,206	162
	C														
	Total	179	1	481	82	185	763	952	667	1,683	80	62	687	1,015	235
Central Provinces	A	39	15	43	66	26	107	203	120	203	41	191	170	464	53
	B	1,381	67	3,016	1,509	466	8,443	9,924	8,196	23,119	7	8	8,661	23,121	1,321
	C		232	234	26	10	641	641							
	Total	1,417	361	3,282	1,601	491	9,181	10,668	8,625	23,416	49	189	8,673	23,605	1,374
Cooch	A			2	11	1	14	11	10	11	8	3	13	14	1
	B			4	14	3	21	21	20	29	1	1	21	30	
	C														
	Total			6	25	4	35	35	30	40	9	4	34	44	1
North-West Frontier Province	A	113		93	95	2	104	304	118	(a) 251	37	(a) 91	161	(c) 176	161
	B			369	684	2	1,024	1,026	1,026	2,270			1,026	2,270	
	C		29	15	6	3	61	61							
	Total	113	29	471	784	5	1,270	1,943	1,114	2,551	37	91	1,177	2,476	161

(c) And 1 Village (Number of persons not given).

(b) Is a Village? (" " ")

(c) " " " " " "

STATEMENT VII—*contd.**Breaches of forest rules—contd.*

PROVINCE		Cases pending from 1910-1920	NEW CASES OF THE YEAR					Total cases	DISPOSED OF DURING THE YEAR						Cases pending at close of year
			Injury to forest by fire	Unauthorized felling or appropriation of wood and minor forest produce	Grazing without permission, or in a tract in which grazing is prohibited	Other Offences	Total new cases of the year		CONVICTIONS		ACQUITTALS		TOTAL		
									Cases	Persons	Cases	Persons	Cases	Persons	
(1)		(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Ajmer	A	7		1	3	1	6	12	12	10			12	10	
	B		11	187	678	63	959	959	921	1,020	35	40	956	1,072	3
	C		1				1	1							
	Total	7	12	188	681	64	966	972	933	1,046	35	41	961	1,081	3
Punjab	A	4		10			14	20	11	18	6	12	17	30	6
	B			11	75	5	72	72	72	100			72	100	
	C			2			2	2							
	Total	4		23	75	5	80	84	83	118	6	12	89	130	
Madras	A														
	B														
	C														
	Total														
Madras	A	3,210	23	1,258	1,573	535	6,603	9,673	5,510	17,135	602	1,007	6,112	18,425	2,715
	B	2,677	20	10,313	1,050	714	14,764	20,113	14,002	32,058	1,229	2,567	15,531	35,701	4,758
	C	21	105	312	15	17	1,311	1,333							
	Total	7,908	148	11,883	2,648	1,266	22,678	31,119	19,512	49,193	1,831	3,574	21,643	54,126	7,473
Fauji	A	350	60	210	160	40	820	970	529	1,005	60	200	589	1,574	253
	B	2,572	163	4,772	5,779	1,111	11,421	13,681	11,758	27,841	0	0	11,758	27,841	1,091
	C		1,652	600	40	31	2,726	2,726							
	Total	2,922	1,815	5,682	5,949	1,182	14,607	17,377	12,287	28,842	60	200	12,218	28,841	2,344
Grand Total	A	1,751	115	5,157	2,453	703	8,979	13,102	7,177	21,000	663	2,117	8,440	24,227	1,717
	B	6,122	275	20,187	22,670	5,131	57,111	65,557	52,012	121,111	1,570	3,771	64,151	129,651	9,131
	C	21	3,216	1,575	120	39	5,270	5,337							
	Total 1920-21	11,894	3,706	26,919	25,243	6,873	71,400	83,996	69,189	142,111	2,233	5,888	72,591	153,878	10,848
" 1919-20	A	1,551	102	4,770	2,151	710	8,784	10,227	7,262	16,750	2,772	4,657	61,024	1,5,621	14,291
	B	11,578	1,275	44,011	31,753	6,041	95,655	1,07,221	73,177	177,747	2,757	8,407	76,104	152,171	19,501
	C		1,159	15,067	11,000	1,510	28,716	27,616	75,605	177,673	2,767	11,414	78,772	16,117	11,775
	Total 1919-20	13,129	2,536	49,848	34,904	8,261	132,155	155,064	156,044	295,170	5,796	24,478	135,900	273,909	35,567

N, D — Cases taken into Court

Y — Cases compounded

C — Un-detected cases

(1) Excludes 3,363 undetected cases and 1,783 cases struck off.

(2) Burma has given the figures for the total of pending cases at the close of the year, viz., 720, but has not shown separately "A" and "B" cases.

(3) Burma has not shown separately "A" and "B" cases. It has given the figures for the total of pending cases, viz., 1,145, at the close of the year.

(4) Burma has not shown separately "A" and "B" cases. It has given the figures for the total of pending cases, viz., 1,145, at the close of the year.

STATEMENT VIII.

Area protected from fire.

Provinces.	Area in square miles.		Percentage of forests under fire protection to total area of reserves	Percentage of failure to area attempted		Remarks.
	Attempted.	Protected		Average of past five years to 1919-20.	1920-21.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bengal	668	651	18.6	3.3	1.1	
United Provinces	3,737	3,709	50.7	3.7	8	
Punjab	1,166	1,153	56.6	1.7	1.0	
Burma	697	515	2.3	5.6	26.0	
Bihar and Orissa	1,122(a)	1,099(a)	61.1	5.1	2.1	(a) Excludes protected forests under fire protection.
Assam	11	10	0.2	8.7	9.1	
Central Provinces	10,205	9,416	52.0	1.9	7.1	
Cooch	163	117	29.4	6.6	3.9	
North-West Frontier Province	77	76	32.6	8.1	1.3	
Ajmer	141	110	99.3	0.1	0.7	
Madras	17,101	16,121	99.9	8.3	4.0	
Pomboy	10,708	9,855	88.6	4.6	8.0	
Total 1920-21	15,779	43,225	44.2	5.1	5.6	
„ 1919-20	15,535	43,067	41.2	1.7	5.1	
1918-19	15,090	43,946	45.2	4.0	4.1	
„ 1917-18	46,951	44,703	46.3	1.5	1.8	
„ 1916-17	48,461	43,558	49.2	4.7	8.9	

STATEMENT IX.

Causes of forest fires.

Province	Fires originating in Departmental Fire Concessions		External fires crossing the fire trails		Fires due to carelessness of outlanders		Fires originating from intention or malice		Fires due to unknown cause		Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	No	Sq. M.	No	Sq. M.	No	Sq. M.	No	Sq. M.	No	Sq. M.	No	Sq. M.
Bengal . . .	2	1	3	..	7	..	..	..	34	7	40	9
United Provinces . .	45	7	25	2	84	3	22	10	37	6	313	28
Punjab . . .	5	1	10	2	120	8	26	10	29	1	207	22
Burma . . .	9	7	17	13	31	31	20	67	17	63	121	181
Bihar and Orissa .	3	2	9	16	3	8	..	..	11	5	20	31
Assam . . .	..	..	1	..	2	..	1	1	1	..	5	1
Central Provinces . .	40	60	78	250	83	95	1	92	217	215	431	760
Coorg . . .	7	..	..	..	..	..	5	6	3	..	16	5
North-West Frontier Province	..	..	7	1	25	1	11	1	..	..	13	2
Ajmer . . .	3	..	2	1	2	..	..	..	1	..	8	1
Beluchistan . . .	..	..	..	..	..	..	..	..	1	..	1	..
Andamans . . .	..	..	..	..	..	..	..	..	..	..	..	..
Madras . . .	51	11	183	224	212	49	115	260	170	108	1,301	717
Bombay . . .	51	15	167	142	426	126	172	62	1,045	528	1,911	871
Total 1920-21 . . .	225	113	511	660	1,031	320	676	511	1,945	1,051	4,991	2,658
„ 1919-20 . . .	219	864	672	588	1,108	311	1,112	7001	2,216	1,0761	5,117	2,5006
„ 1918-19 . . .	219	663	515	5677	1,182	2008	1,118	4277	1804	8593	4,903	2,2106
„ 1917-18 . . .	205	411	540	3110	1,060	3082	1,159	9503	1,920	8158	1,892	2,1801
„ 1916-17 . . .	220	831	518	2938	1,161	2354	971	5900	2,066	8720	4,043	2,0232

STATEMENT X.

Area closed and open to grazing.

PROVINCE.	AREA IN - Q MILES.						Total area.	REMARKS.
	CLOSED TO ALL ANIMALS		OPEN TO GRAZING.					
			Of all animals.		Of all animals except browsers (camels, sheep and goats).			
	Whole year	Part of year	Whole year	Part of year	Whole year.	Part of year		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bengal	5,875	...	4,687	...	73	63	10,698	
United Provinces	2,231	126	3,081	...	1,995	6	7,112	
Punjab	147	225	5,240	217	415	322	6,620	
Burma	22,808	...	115,882*	149	2,306	4,671	145,816	* Unclassed forests.
Bihar and Orissa	1,435	..	571	...	986	88	3,033	
Assam	4,620	1 1	14,680	...	2,072	1	21,602	
Central Provinces	2,880	106	4,804	20	11,340	382	19,640	
Coorg	78	429	...	...	13	...	520	
North-West Frontier Province	8	...	46	...	117	35	236	
Ajmer	65	74	...	...	3	...	142	
Baluchistan	472	160	96	21	13	...	786	
Andamans	85	...	2,122	...	...	...	2,207	
Madras	3,627	822	12,541	506	1,537	292	19,725	
Bombay	2,486	352	3,371	...	6,029	231	12,572	
Total 1920-21	46,835	2,515	167,139	956	26,959	6,141	250,341	
„ 1919-20	47,161	1,602	171,083	1,695	25,742	5,317	253,380	
„ 1918-19	46,408	2,509	174,297	1,710	24,416	5,156	254,556	
„ 1917-18	47,219	2,048	171,857	1,177	24,833	4,861	254,028	
„ 1916-17	45,765	1,863	171,852	1,736	21,026	4,533	250,125	

PROVINCE.	GRAZED ON PAYMENT, NUMBER OF ANIMALS.									
	AT FULL RATES			AT REDUCED RATES						
	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Bengal	1,300	963	318	...	30	30	21,600	...	...	2
United Provinces . .	64,445	151,165	120,475	558	2,271	11,766	50,330	6,159	...	202
Punjab	14,691	33,915	169,774	10,173	2,016	817	40,375	357,122	1,629	619
Prima	3,368	17,691	270	...	226	25	3	...	...	...
Bihar and Orissa . .	9,971	29,245	3,428	...	...	189	6,137	...	...	...
Assam	67,395	51,035	554	3	651	9,908	394	10	...	...
Central Provinces . .	215,597	706,499	251,801	58	2,621	105,683	1,504,839	1,581	...	231
Coorg	242	3,290	...	...	...	...	...	...	...	...
North-West Frontier Province.	890	2,004	...	...	3	...	...	...	...	...
Ajmer	702	4,803	...	65	106	1,730	7,417	...	...	...
Baluchistan	76	1,678	...	...	698	...	...	...	...	...
Madras	56,855	271,137	316,990	...	...	7,420	60,089	19,608	...	...
Bombay	21,153	(a) 56,390	59,147	805	2,767	117,938	1,029,160	217,705	...	5,524
Total 1920-21 . .	486,683	1,349,327	933,766	20,662	12,289	255,600	2,810,343	602,137	1,628	6,581
„ 1919-20 . .	531,306	1,407,340	1,153,310	20,886	13,491	259,523	2,794,810	619,689	132	20,537
„ 1918-19 . .	592,563	1,693,407	1,245,774	33,124	11,385	325,888	3,388,985	701,811	10	17,422
„ 1917-18 . .	642,105	1,969,559	1,451,814	15,853	11,991	320,050	3,213,926	706,205	11	30,080
„ 1916-17 . .	639,633	2,178,076	1,970,611	21,920	14,520	315,515	3,358,537	616,393	188	23,494

(a) Includes buffaloes in the Southern Circle.

MENT XI.

from cattle.

GRAZED FREE, NUMBER OF ANIMALS										Total number of animals grazed.
BY RIGHT AND SETTLEMENT					DURING REIGN OF GOVERNMENT OR OTHERWISE THAN UNDER SETTLEMENT					
Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals	
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
...	...	...	...	...	610	2,810	...	...	2	27,633
40,248	480,276	40,926	...	1,710	7,073	34,174	61,051	...	103	1,084,031
131,700	638,899	1,303,172	286	181,682	3,871	10,299	...	431	2,783	2,064,355
178,721	998,312	...	1	369	25,741	180	...	1,488	5,850	632,257
39,086	223,915	32,954	...	...	117	1,023	581	...	...	346,476
...	310	...	...	...	50,491	417,007	90,412	...	325	751,605
...	375	...	...	...	3,300	239,368	1,206	...	213	3,156,403
...	267	...	...	...	...	6,201	...	...	...	10,069
5,886	6,699	...	...	...	8,177	19,347	...	...	...	96,186
...	...	...	...	...	120	1,001	...	...	...	16,013
...	3,310	63,226	1	1,193	...	58	9,685	...	...	60,925
1,754	3,113	5,700	...	...	7,714	58,078	1,421	...	29	813,396
0,108	22,008	12	...	12	85,556	569,530	46,156	381	4,600	2,240,116
106,376	1,778,504	1,411,990	237	188,166	222,779	1,393,225	210,512	2,800	13,943	12,159,153
405,022	1,830,657	1,435,690	186	188,850	223,495	1,872,087	147,608	6,086	15,645	12,537,077
369,614	1,586,326	1,417,528	186	188,330	221,107	1,360,033	129,370	9,247	13,941	13,321,350
360,218	1,827,488	1,421,173	186	196,431	203,691	1,235,674	111,836	5,925	11,318	13,700,685
352,560	1,812,145	1,486,678	279	168,338	206,295	1,249,567	97,668	3,988	17,133	11,588,685

STATEMENT XII.

Area of plantations and the cost of the year's work.

PROVINCE	AREA IN ACRES AT CLOSE OF THE YEAR			
	Regular Plantations	Transfers	Total	Cost of operations during the year
(1)	(2)	(3)	(4)	(5)
Bengal	1,687 (a)	3,167 (b)	4,704	33,511
United Provinces	17,825	...	17,825	61,996
Punjab	7,441 (c)	...	7,441	61,775
Barma	3,277 (d)	84,723 (e)	88,000	72,776
Bihar and Orissa	1,807	224	2,031	7,369
Assam	3,103	2,896	6,304	926
Central Provinces	2,341	8,031 (f)	10,372	1,310
Coorg	2,072	8,601	5,573	5,831
North-West Frontier Province	23	...	23	463
Ajmer	514	...	514	156
Baluchistan . . . . .	...	...	..	...
Andamans	2,063	...	2,063	53
Madras	21,062 (g)	854	21,916	31,153
Bombay	1,727 (h)	622	2,349	15,870
Total 1920-21	65,157	101,018	169,175	298,331
„ 1919-20	66,210	101,321	167,531	280,252
„ 1918-19	63,568	91,446	155,014	191,983
„ 1917-18	64,104	88,821	152,925	176,528
„ 1916-17	71,281	89,194	169,465	173,774

(a) 14 acres excluded during the year.	(f) 4,521 acres excluded during the year.
(b) 112 „ „ „ „ „	(g) 179 „ „ „ „ „
(c) 27 „ „ „ „ „	(h) 57 „ „ „ „ „
(d) 195 „ „ „ „ „	

STATEMENT XIII.

Outturn of forest produce.

PROVINCE	RESERVED FORESTS		PROTECTED FORESTS		UNCLASSIFIED FORESTS		TOTAL		AVERAGE OUTPUT PER SQUARE MILE							
	Timber and fuel		Timber and fuel		Timber and fuel		Timber and fuel		RESERVED FORESTS		PROTECTED FORESTS		UNCLASSIFIED FORESTS		TOTAL	
	C. ft.	R.	C. ft.	R.	C. ft.	R.	C. ft.	R.	C. ft.	R.	C. ft.	R.	C. ft.	R.	C. ft.	R.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Bengal	10,023,000	8,22,274	631,000	4,000	681,000	20,100	17,917,000	1,11,000	3,277	70	209	3	15	7	1,620	3
United Provinces	34,970,000	19,91,023	8,000	3,000	25,000	1,000	34,911,000	18,03,023	1,723	253	2,000	702	630	25	4,601	20
Punjab	11,427,000	12,82,434	17,810,000	9,60,700	8,010,000	2,00,000	34,201,000	27,07,000	4,517	623	4,200	215	10,000	100	5,171	70
Hyderabad	27,517,000	5,18,423	...	...	28,000,000	6,77,000	34,441,000	9,51,353	843	17	...	...	450	4	532	...
Bihar and Orissa	2,041,000	97,748	16,847,000	1,54,000	18,000	1,000	18,000,000	2,54,000	1,310	64	12,400	122	1,500	100	6,100	...
Assam	3,000,000	1,15,000	...	...	10,000,000	1,07,000	13,070,000	11,07,000	410	21	...	...	600	60	1,100	...
Central Provinces	50,126,000	27,90,453	...	...	...	...	50,126,000	27,90,453	1,534	100	...	...	...	...	1,534	100
Cooch	221,500	17,975	60,443	470	...	...	311,213	18,912	427	34	...	...	...	...	...	...
North-West Frontier Province	2,070,000	97,514	...	...	...	...	2,070,000	97,514	11,817	243	...	...	...	...	11,817	100
Almora	177,617	60,071	...	810	...	...	177,617	60,071	1,250	127	...	...	...	...	1,250	100
Baluchistan	75,000	17,000	...	...	...	...	75,000	17,000	40,000	100	...	...	...	...	...	...
Andhra Pradesh	340,000	170	...	...	1,000,000	1,000	1,340,000	1,000	4,100	31	...	...	...	...	...	...
Madhya Pradesh	18,000,000	17,70,000	...	...	18,000,000	17,70,000	36,000,000	35,40,000	0	0	...	...	1,500	1,000	1,500	...
Bombay	50,132,000	17,70,000	70,000	60,000	...	...	50,132,000	17,70,000	1,000	...	1,500	100	...	...	1,500	...
Total 1920-21	181,032,000	1,00,00,000	34,70,000	12,00,000	70,00,000	20,00,000	251,732,000	1,20,00,000	1,700	100	4,500	100	6,000	100	1,300	100
" 1919-20	201,567,371	67,10,000	17,510,000	14,00,000	60,00,000	20,00,000	261,567,371	1,20,00,000	1,000	100	1,500	100	6,000	100	1,300	100
" 1918-19	216,150,000	1,00,18,000	30,720,000	10,00,000	60,720,000	20,00,000	276,870,000	1,20,00,000	2,100	100	1,500	100	6,000	100	1,300	100
" 1917-18	212,511,000	1,07,20,000	33,010,000	12,00,000	77,140,000	20,00,000	289,651,000	1,20,00,000	2,000	100	1,400	100	6,000	100	1,300	100
" 1916-17	192,371,000	97,12,000	30,000,000	11,00,000	77,000,000	20,00,000	269,371,000	1,20,00,000	1,000	100	1,000	100	5,000	100	1,200	100

* Timber and fuel.
 † Timber and fuel.
 ‡ Timber and fuel.

STATEMENT XIV.

*Forest produce removed by different agencies.**Part I.—Timber and Fuel.*

Province	Timber					Fuel				
	By Govern- ment	By purchasers	By free grantees.	By right holders	TOTAL	By Govern- ment	By purchasers	By free grantees	By right holders	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Punjab	700,000	7,051,000	6,000	..	7,057,000	551,000	6,117,000	1,204,000	..	7,322,000
United Provinces	150,000	7,051,000	71,000	600,000	6,152,000	507,000	6,131,000	406,000	17,457,000	25,721,000
Bihar	2,575,000	2,057,000	120,000	925,000	5,597,000	3,634,000	1,601,000	212,000	23,570,000	27,987,000
Orissa	6,977,000	30,121,000	432,000	1,231,000	43,001,000	4,471,000	81,322,000	62,000	2,025,000	39,880,000
Madras	25,000	1,123,000	42,000	201,000	1,401,000	120,000	2,403,000	114,000	14,470,000	17,118,000
Assam	121,000	4,000,000	60,000	..	4,181,000	70,000	2,420,000	5,001,000	9,000	7,501,000
Central Provinces	100,000	7,141,000	201,000	61,000	7,502,000	707,000	17,000,000	3,115,000	677,000	22,499,000
Coorg	150,000	21,125	..	..	21,275	11,000	2,000	..	..	13,000
North West Frontier Provinces	312,000	500,000	20,000	..	832,000	250,000	1,000,000	1,200,000	210,000	3,460,000
Ajmer	8	1,373	..	627	2,008	30,000	135,000	9,000	..	174,000
Baluchistan	57	8,573	4,100	..	13,730	21,418	10,100	..	..	31,518
Andamans	651,000	10,000	10,000	40,000	711,000	200,000	201,000	100,000	225,000	526,000
Madras	113,000	2,725,000	101,000	51,000	3,000,000	2,183,000	17,177,000	1,000	200,000	19,360,000
Pondicherry	1,100,000	9,633,000	77,000	1,000	10,810,000	1,000,000	31,729,000	40,000	5,000,000	37,769,000
Total 1920-21	13,261,810	72,071,000	1,940,100	3,131,027	88,303,937	10,803,000	114,669,000	11,200,000	61,700,000	187,372,000
.. 1919-20	11,000,000	60,000,000	2,110,000	2,000,000	75,110,000	22,000,000	100,000,000	12,000,000	10,000,000	144,000,000
.. 1918-19	14,110,000	72,000,000	1,900,000	3,000,000	81,010,000	20,000,000	100,000,000	11,000,000	10,000,000	141,000,000
.. 1917-18	12,000,000	70,000,000	1,800,000	3,000,000	86,800,000	14,000,000	100,000,000	10,000,000	10,000,000	134,000,000
.. 1916-17	9,000,000	70,000,000	1,800,000	3,000,000	83,800,000	12,000,000	100,000,000	10,000,000	10,000,000	132,000,000

STATEMENT XIV—contd.

Forest produce removed by different agencies—contd.

Part II.—Value of minor forest produce.

Province	BAMBOOS.					GRASS AND LUSK GRASS					OTHER MINOR PRODUCE				
	By Government	By purchase	By free grants	By right holders	Total	By Government	By purchase	By free grants	By right holders	Total	By Government	By purchase	By free grants	By right holders	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	541	1,16,342	445		1,17,328		30,045	19,211		49,256	1,19,911	1,32,096	6,608		2,58,615
United Provinces	63	1,18,215	101	6,082	1,54,741	2,070	1,43,973	14,521	2,57,018	1,47,891	9,62,532	2,90,071	1,502	59,002	12,51,900
Punjab	47,501	1,051	5	87	48,644	51	1,97,517	32,059	19,12,621	21,72,891	2,69,020	23,162		41,021	3,96,118
Burma	522	2,14,095	315	10,225	2,32,657		7,055	5,053	2,15,725	2,32,433	2,120	3,51,251	901	80,271	1,60,673
Bihar and Orissa	8,015	18,327	400	20,137	46,879		6,501	712	89,598	96,811	320	50,653	277	20,271	1,07,403
Assam	595	89,101	15,418		55,407		2,55,010	4,16,609	127	7,07,855	51,555	1,27,314	3,05,604		4,37,073
Central Provinces	1,013	1,93,021	5,516	3,781	2,14,354	8,274	15,21,303	1,70,711	1,327	37,21,735	5,07,361	2,14,777	70,020	3,195	8,04,241
Coorg		1,400			1,400		653			653		16,976			17,629
North-West Frontier Province							1,816	17,007	5,712	25,625	8,095	71	30	107	5,230
Ajmer		732			732	1,210	5,692	1,120	10,211	57,625	311	2,172			2,513
Baluchistan							911	320	41,170	42,401	71	177			248
Andaman	1,151	0	198	109	1,457						1,789	71	1,109	211	3,192
Madras	23,109	2,40,775	110	218	2,64,024		8,19,270	14,229	5,795	8,34,894	59,000	11,24,170	2,600	1,298	11,97,175
Pondicherry	183	87,057	1,641	12,000	78,881	30,070	4,10,013	15,550	3,66,230	8,32,053	31,102	1,13,041	494	37,970	2,17,040
Total 1920-21	53,871	10,40,133	24,580	60,117	12,07,058	40,851	34,03,340	6,01,609	30,14,370	72,60,210	20,21,005	26,73,701	2,00,250	3,37,530	61,33,355
.. 1919-20	1,76,122	13,60,355	21,190	18,017	16,16,527	1,70,652	15,44,315	7,61,620	30,20,003	70,06,020	27,25,065	31,12,920	2,51,000	2,50,307	61,44,201
.. 1918-19	2,24,783	18,01,361	32,057	40,230	16,21,471	1,70,077	15,61,113	7,63,076	30,37,511	70,37,677	11,47,817	26,67,097	2,51,000	3,25,606	40,19,207
.. 1917-18	1,51,612	12,01,050	22,855	42,529	14,18,014	67,504	15,47,173	6,01,243	30,12,422	63,10,181	16,40,181	27,31,117	2,22,527	2,70,901	47,90,139
.. 1916-17	54,800	12,00,000	20,070	59,538	14,53,546	6,570	13,12,113	6,48,720	30,22,233	70,60,681	5,75,181	26,07,752	1,60,010	2,15,500	30,12,761

STATEMENT XV.

Exports of forest produce.

ARTICLES OF FOREST PRODUCE.	QUANTITY IN TONS OF 20 GWT IN THE CASE OF TEAK AND OTHER TIMBERS, CUBIC TONS.		VALUATION AT PORT OF SHIPMENT IN 1920-21	
	Average of 5 years 1916-18 to 1919-20	In 1920-21.	Total	Per ton
(1)	(2)	(3)	(4)	(5)
			Rs.	Rs.
Caoutchouc, raw	4,304	6,256	1,55,382	2,487
Lac	355	546	32,20,563	5,893
{ Button	15,345	11,013	7,16,30,969	5,112
{ Shell	1,659	889	9,74,265	1,087
{ Stick, seed and other kinds	3,618	1,969	8,73,060	443
Catechu and gambier	59,837	39,647	40,76,050	103
Myrsinols	373	285	8,74,690	3,009
Cardamoms	(a)	244	4,10,003	1,803
Sandal	(a)	(a)	47,327	
Ebony and other ornamental woods	30,853	39,272	1,09,69,186	279
Teak	3,872	6,174	8,57,386	139
Other timbers				
Total 1920-21 . . . . .	...	...	10,91,79,365	...
" 1919-20 . . . . .	...	...	11,78,26,638	...
" 1918-19 . . . . .	...	...	6,78,92,715	...
" 1917-18 . . . . .	...	...	6,46,30,998	...
" 1916-17 . . . . .	...	...	2,99,84,737	...

(a) Quantity (whether by weight or measurement) is not recorded.

STATEMENT XV (a).

Year (calendar).	Imports of timber into British India 1917 to 1921.		Imports of sleepers of wood * for railways into British India 1917 to 1921.	
	Cubic tons.	Rs.	Tons.	
1917	97,346	1,82,16,785	69	7,795
1918	37,874	62,16,348	...	...
1919	59,940	1,10,85,379	222	29,580
1920	68,560	1,16,08,544	10,272	19,89,780
1921	60,881	91,99,142	23,681	46,78,556

* Includes sleepers of Jarrak and other wood.

STATEMENT XVI.

Estimated value of forest produce given away free or at reduced rates

Province	Timber	Fuel.	Bamboos.	Grass and grazing.	Other minor produce	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	P.	P.	Rs.	Rs.	Rs.
Bengal	1,115	21,771	52,553	26,600	6,086	1,00,107
United Provinces	71,400	1,40,825	6,462	3,02,442	51,501	5,86,824
Punjab	76,739	8,31,931	90	19,86,313	41,027	29,61,019
Burma	1,12,693	17,625	18,736	75,937	2,71,879	5,33,018
Bihar and Orissa	30,266	1,11,177	20,637	80,170	21,403	2,02,573
Assam	48,735	60,100	16,118	4,52,976	2,03,504	7,52,723
Central Provinces	15,425	93,091	11,011	11,17,057	62,056	13,03,174
Cong . . . . .	.	...	...	1,352	...	1,352
North-West Frontier Province	3,708	43,117	...	27,700	130	71,054
Ajmer	163	121	...	50,323	...	50,637
Punuchistan	610	...	..	34	.	644
Ardakans	1,705	8,926	216	..	1,623	12,500
Madras	20,006	2,001	663	14,926	2,600	40,865
Bombay	96,991	9,89,326	28,769	7,03,086	2,02,827	20,11,468
Total 1920-21	5,05,706	21,82,766	1,61,118	16,17,017	8,96,697	57,80,500
1919-20	5,20,073	23,62,420	1,69,216	49,05,316	7,11,909	57,99,546
1918-19	6,80,617	23,71,312	1,08,559	50,79,417	7,92,100	90,42,297
1917-18	7,26,378	23,81,679	1,56,197	50,41,219	6,96,638	90,05,010
1916-17	1,69,695	23,56,701	1,37,101	46,31,902	7,05,707	85,86,954

STATEMENT XVII.

Details of revenue and expenditure for the year 1920-21.

		Rs.	Percentage of each item to total.	
Gross Receipts	(a) Wood	3,61,71,899	78 6	
	(b) Minor forest produce	27,91,085	6 0	
	(c) Forest stamps and commutation fees for forest produce	60,323	1	
	(d) Grazing	31,09,132	7 3	
	(e) Revenue from forests not managed by Government	2,67,000	6	
	(f) Miscellaneous	31,10,741	7 1	
	Total Revenue		4,64,19,181	
A. Recurring	(i) Administration	(i) Superior Staff	38,12,813	13 6
		(ii) Subordinate Staff (including Rangers, Foresters and Guards).	47,59,676	16 8
		(iii) Office Establishments (including Contingencies).	23,90,106	8 1
	(b) Working	(1) Extraction	93,38,859	38 0
		(2) Roads and Buildings	33,19,576	11 7
		(3) Fire protection	3,60,620	1 5
		(4) Cultural operations	9,51,428	3 1
		(5) Live-stock, stores and plant	11,10,629	5 0
		(6) Working-Plans	55,733	0 2
		(7) Rent for leased forests	3,31,595	1 2
		(8) Miscellaneous	3,60,133	3 1
	(c) Expenditure on realization of revenue from forests not managed by Government	40,253	0 2	
	(d) Forest Science and Education (including all "A" and "B" charges of Imperial Forest College and Research Institute*)	3,15,769	1 1	
	Total		2,79,89,825	
B. Extraordinary	(e) Forest Settlement	52,207	0 2	
	(f) Forest Survey	1,51,830	0 5	
	(g) Forest Demarcation	1,13,210	0 4	
	Total		3,16,837	
GRAND TOTAL OF EXPENDITURE		2,83,06,662		
Net Revenue		1,81,12,519		

* Expenditure under this head in provinces has been included in (i) Administration.

Summary of revenue and expenditure of the

Budget Heads	Imperial.	Bengal	United Provinces	Punjab.	Burma	Bihar and Orissa	Assam
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Rs	Rs	Rs	Rs	Rs	Rs	Rs
REVENUE							
I—Timber and other produce removed from the forests by Government agency	20,068	4,47,417	31,61,031	24,30,691	61,87,107	11,080	1,39,780
II—Timber and other produce removed from the forests by consumers or purchasers	6,974	16,80,345	63,76,214	6,06,809	1,17,12,895	7,52,765	11,67,953
III—Drift and waif wood and confiscated forest produce	..	9,082	7,116	97,390	2,55,941	4	17,497
IV—Revenue from forests not managed by Government	70	...	71,687	7,597	1,90,919	...	61,828
V—Miscellaneous	12	51,916	1,68,150	6,61,057	2,95,205	12,771	1,53,345
Total Revenue	27,122	21,51,763	97,79,751	38,05,059	1,89,75,020	5,10,892	15,31,914
EXPENDITURE							
A.—CONSERVANCY AND WORKS.							
I.—Timber and other produce removed from the forest by Government agency	5,130	2,38,384	28,40,023	15,00,621	22,59,278	16,115	79,760
II—Timber and other produce removed from the forests by consumers or purchasers	..	1,57,391	1,19,895	4,522	2,30,872	17,569	67,011
III.—Drift and waif wood and confiscated forest produce	...	1,147	2,619	35,637	1,30,252	12	1,304
IV—Revenue from forests not managed by Government	..	..	53,909	..	259	...	1,623
V—Rent of leased forests and payments to share holders in forests managed by Government	..	555	2,61,022	31,627	..	..	15,096
VI—Fence-sticks, tools and plant	..	57,274	4,24,683	2,31,019	2,72,213	14,290	35,517
VII—Communications and buildings	632	1,75,176	10,50,522	1,96,235	1,02,195	1,15,119	1,17,389
VIII—Demarcation, improvements and extension of forests	..	1,77,251	4,01,057	1,41,192	3,92,471	57,521	36,007
IX—Miscellaneous	126	15,763	87,875	5,00,718	97,211	6,605	17,750
Total A—Conservancy and Works	5,827	5,16,231	53,89,064	27,41,371	35,92,511	2,28,937	2,91,613
B.—ESTABLISHMENTS							
I—Salaries	1,59,710	1,04,921	13,71,170	6,38,751	27,11,090	3,08,320	1,55,500
II—Travelling Allowances	306	54,141	2,00,039	1,26,332	1,41,164	39,275	84,773
III—Contingencies	2,970	26,557	1,70,705	87,232	2,81,019	15,233	31,225
Total B—Establishments	1,63,106	5,20,519	17,62,014	8,31,375	31,14,173	3,62,751	5,71,099
GRAND TOTAL OF EXPENDITURE	1,69,993	19,50,750	70,19,078	35,76,719	73,07,011	5,99,118	9,66,601
SURPLUS		6,45,013	17,36,204	2,29,303	1,17,85,016	2,21,154	5,65,315
DEFICIT	1,41,571	..	..	..	..	..	..
Proportion of surplus to gross revenue	..	30	29	6	63	27	37
Net revenue per square mile of forest area under control of Forest Department	..	80	233	35	87	73	27

MENT XVIII.

Forest Department in India for the financial year 1920-21.

Central Provinces.	Coorg.	North- West Frontier Province.	Ajmer.	Bala- chistan.	South and North Frontier Provinces.	Forest College and Research Institute.	Forest Surveys (Im- perial)	Madras.	Bombay.	TOTAL.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
6,01,872	2,79,419	1,40,118	15,716	7,266	5,87,931	...	...	16,45,051	23,87,403	1,85,35,953
33,22,394	36,111	51,357	24,327	7,455	0,736	...	...	32,01,554	42,63,788	3,24,10,856
1,282	...	2,523	16	...	...	...	...	15,866	12,138	4,52,031
19,815	...	2,565	...	6,514	...	...	...	...	11,133	3,68,853
1,87,936	9,821	14,216	8,052	1,500	20,687	12,648	...	5,18,775	2,24,123	23,50,792
43,91,526	4,37,351	2,19,779	49,112	22,544	6,24,374	12,648	...	53,51,246	68,08,585	5,41,43,495
2,02,041	74,798	2,58,535	5,024	3,497	8,91,469	...	...	3,07,011	10,47,421	1,08,11,901
1,61,142	...	203	782	6	636	...	...	1,31,193	71,400	9,83,321
19	...	401	...	...	...	...	...	1,605	214	1,76,763
811	...	...	...	140	...	...	...	...	...	59,775
...	...	26,913	...	...	...	...	...	5,179	89,815	4,10,387
53,351	62,772	12,380	114	57	1,00,618	29,014	...	3,26,983	87,226	17,10,520
2,95,052	1,47,459	34,271	4,916	127	71,983	7,874	...	5,54,032	5,16,278	39,06,834
1,88,472	60,034	8,717	1,952	17	1,18,859	...	90,148	3,61,323	2,70,829	23,66,670
45,941	7,976	0,025	909	409	18,510	42,328	...	28,659	1,00,283	9,79,576
9,48,365	3,53,038	3,42,528	13,727	4,253	12,02,100	79,216	90,448	15,08,055	30,42,795	2,14,43,102
15,02,570	93,100	69,592	10,259	21,079	1,11,174	2,07,991	...	21,20,051	10,70,510	1,22,83,310
1,55,034	15,463	13,427	2,763	3,771	10,799	22,718	...	4,02,076	2,15,123	18,65,057
1,27,633	4,507	5,650	1,068	655	3,857	37,559	...	1,98,471	86,555	10,27,538
17,55,236	1,13,720	1,11,669	23,500	24,508	1,25,830	3,78,268	...	27,21,501	22,62,227	1,51,76,805
27,33,601	4,06,735	4,51,107	37,117	28,761	13,27,930	4,57,184	90,448	45,30,496	2,05,022	3,61,19,967
16,80,225	...	...	10,695	...	...	...	...	8,50,760	15,93,503	1,93,51,341
...	30,407	2,31,118	...	6,217	7,03,556	1,44,836	90,448	...	...	15,80,753
38	...	...	23	...	...	...	...	16	23	33
85	...	...	76	...	...	...	...	44	127	71

Revenue of the Forest Department throughout India for the 22 financial years

(I) REVENUE

Province	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	2,175	31,717	25,429	10,368	5,117	9,688	6,080
Bengal †	1,64,808	2,89,772	6,06,578	8,31,384	7,66,431	10,49,364	11,38,910
United Provinces	12,59,079	12,21,650	11,34,615	11,63,625	16,89,109	15,31,824	16,14,749
Punjab	6,87,423	7,05,558	7,37,388	9,11,950	9,00,417	11,39,510	14,00,770
Burma	8,94,293	14,23,175	19,89,356	25,01,318	49,78,654	66,15,512	78,12,050
Bihar and Orissa . . . . .	...	...	...	...	...	...	...
Assam ‡ . . . . .	...	1,01,099	1,91,887	2,32,055	3,92,750	4,15,912	6,68,100
Central Provinces and Berar	7,11,579	9,72,936	12,81,982	14,11,168	16,08,505	13,75,968	12,97,490
Coorg	93,491	78,587	1,03,170	1,13,021	1,58,136	1,38,456	1,62,410
North-West Frontier Province . . . . .	...	...	...	...	...	...	...
Ajmer	65	1,152	4,475	11,559	15,233	14,162	10,870
Baluchistan . . . . .	...	...	8,558	10,973	17,998	15,230	17,009
Andamans	5,467	4,455	31,840	57,033	2,79,028	2,54,138	2,60,600
Imperial Forest College and Research Institute . . . . .	...	...	...	397	1,846	3,040	3,210
Forest Surveys (Imperial) . . . . .	...	17	189	206	668	300	420
Madras	6,03,243	5,99,359	8,06,020	13,00,481	17,14,326	21,10,988	23,02,240
Bombay	11,77,673	12,28,561	18,93,918	30,11,314	33,54,593	30,16,244	24,15,200
GRAND TOTAL	56,30,061	66,60,897	89,17,213	1,16,09,148	1,69,49,014	1,77,15,756	1,90,09,610
	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13	1913-14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	7,886	8,189	10,632	8,662	10,680	12,847	11,471
Bengal †	11,97,650	11,84,845	10,80,610	11,67,444	11,22,142	16,00,601	15,16,111
United Provinces	24,0,745	21,75,406	23,01,164	23,78,489	30,16,160	35,43,963	37,12,487
Punjab	14,57,449	12,68,702	10,32,633	12,17,898	13,10,077	12,33,033	13,54,943
Burma	86,09,089	91,82,032	95,53,077	10,07,117	99,67,594	1,09,22,393	1,14,25,430
Bihar and Orissa . . . . .	...	...	...	...	4,07,313	4,38,968	4,91,735
Assam ‡	14,30,447	14,46,368	15,51,732	18,90,635	11,46,320	11,42,091	10,97,969
Central Provinces and Berar	22,90,128	20,78,162	20,76,340	21,14,226	25,49,654	31,71,815	31,86,458
Coorg	2,74,756	2,24,330	2,14,129	2,76,050	2,95,170	2,81,652	3,23,227
North-West Frontier Province	2,38,490	1,22,782	1,73,305	2,05,342	1,58,171	2,57,183	2,66,741
Ajmer	29,564	27,615	23,990	33,810	26,401	36,536	33,897
Baluchistan	24,529	23,805	18,729	24,212	20,117	20,150	19,683
Andamans	2,19,822	2,02,018	2,30,177	4,16,773	5,22,160	4,19,025	4,45,811
Imperial Forest College and Research Institute	6,137	4,690	4,039	4,080	5,550	7,611	3,200
Forest Surveys (Imperial) . . . . .	...	...	...	...	...	...	...
Madras	38,09,820	38,90,010	41,78,361	38,50,111	41,68,921	41,12,473	42,00,820
Bombay	36,18,177	35,97,356	37,57,656	37,18,224	43,30,569	49,92,519	51,03,156
GRAND TOTAL	2,53,62,570	2,51,50,799	2,60,25,794	2,74,05,451	2,90,57,359	3,22,09,809	3,32,01,515

* Includes pay of Inspector General of Forests, Assistant Inspector-General of Forests.
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred

MENT XIX.

from 1899-1900 to 1920-21 and the average of 6 quinquennial years from 1869-70 to 1898-99

NUE.

1900-01.	1901-02	1902-03.	1903-04.	1904-05	1905-06	1906-07.	PROVINCE
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
2,463	8,494	3,059	7,455	3,768	7,255	.	Imperial.*
12,39,339	12,92,297	12,55,247	10,65,623	11,87,472	11,18,512	10,05,959	Bengal †
16,65,163	17,15,509	20,25,321	22,60,140	23,07,318	24,83,423	25,02,664	United Provinces.
13,50,842	14,47,558	15,86,408	17,17,797	18,74,413	17,81,653	16,05,284	Punjab.
80,51,444	55,73,938	67,39,053	83,68,635	80,59,756	1,03,29,509	98,12,519	Burma
...	...	...	...	...	...	...	Bihar and Orissa
5,10,521	5,12,963	5,80,200	6,75,792	8,15,677	11,08,096	19,20,592	Assam ‡
12,65,614	15,79,116	16,81,428	19,98,032	20,19,159	24,49,181	21,01,159	Central Provinces and Berar.
1,77,526	1,70,242	1,90,730	2,24,031	1,93,087	2,45,110	2,35,909	Coorg.
...	13,012	1,01,123	1,01,838	90,901	1,28,529	1,83,214	North-West Frontier Province
10,643	6,865	9,736	19,684	17,297	15,002	18,335	Ajmer.
16,956	14,712	19,836	18,363	22,555	21,181	21,195	Baluchistan.
2,77,886	2,06,903	3,26,035	4,82,381	6,20,796	5,82,511	6,07,027	Andamans
3,697	8,645	3,253	3,038	3,557	3,080	4,579	Imperial Forest College and Research Institute
327	478	3,034	431	...	...	...	Forest Surveys (Imperial).
23,40,170	25,43,130	26,13,919	26,57,727	28,29,216	29,67,604	32,90,669	Madras
29,01,529	23,70,729	23,29,158	27,51,539	30,20,553	35,84,983	31,22,481	Bombay.
1,97,70,493	1,78,23,715	1,04,71,510	2,22,16,747	2,40,29,950	2,60,71,598	2,64,91,436	GRAND TOTAL.
1914-15.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20	1920-21	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
10,047	23,157	21,516	51,780	27,453	21,527	27,122	Imperial.*
13,04,496	11,45,010	13,38,779	13,79,969	19,41,104	20,51,237	21,84,768	Bengal.†
91,85,235	97,39,331	50,40,932	61,16,697	66,37,166	71,71,054	67,70,781	United Provinces
14,85,005	17,27,283	16,67,501	21,17,776	21,51,178	38,45,578	38,05,053	Punjab
97,07,894	96,93,217	1,23,79,531	1,23,61,199	1,25,29,853	1,51,75,202	1,80,75,060	Burma
5,49,779	5,17,727	5,25,091	7,53,625	9,11,784	8,17,453	8,10,602	Bihar and Orissa.
8,72,877	10,55,052	11,45,621	13,09,956	11,02,718	11,31,590	15,31,911	Assam.‡
32,72,529	32,78,262	30,71,578	34,65,491	31,88,122	45,10,723	43,91,526	Central Provinces and Berar.
1,99,137	4,19,155	4,47,314	4,54,673	6,77,873	9,18,028	1,27,351	Coorg.
2,73,013	1,86,315	2,10,945	2,37,711	3,51,922	1,62,511	2,19,779	North-West Frontier Province
31,170	23,145	21,272	27,783	57,230	31,914	43,112	Ajmer
19,058	21,623	15,277	17,932	26,108	17,917	22,511	Baluchistan
3,30,248	4,31,781	6,14,711	7,94,054	11,81,393	8,00,795	6,21,874	Andamans.
8,517	5,935	8,199	1,391	9,033	8,309	12,043	Imperial Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
39,11,597	21,03,839	45,36,126	54,55,180	47,01,100	62,34,140	55,91,246	Madras
46,80,242	47,01,254	45,19,177	63,12,022	1,01,84,031	81,04,133	64,08,535	Bombay.
2,67,00,724	3,11,16,887	3,70,41,030	4,09,89,257	4,68,12,257	5,36,75,789	5,41,43,495	GRAND TOTAL

Office Establishment, and undistributable and petty local stores and expenses and charges, on Indore and Mhow-
 Office.
 to Bengal.

Expenditure of the Forest Department throughout India for the 29 financial years

(II) EXPEN

PROVINCE	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial *	63,685	67,102	80,754	67,135	84,125	82,816	96,550
Bengal †	1,11,094	2,12,024	3,55,147	8,94,847	4,01,147	5,89,652	5,15,210
United Provinces	9,68,005	8,37,709	8,38,658	9,17,598	9,16,423	9,35,078	9,12,350
Punjab	8,23,326	5,57,148	5,11,242	0,14,372	6,46,374	7,50,224	12,11,100
Burma	4,02,817	6,12,570	10,12,512	15,22,424	16,72,388	21,20,612	24,47,440
Bihar and Orissa	"	"	"	"	"	"	"
Assam ‡	"	83,293	1,62,460	2,11,055	2,68,129	2,86,870	3,57,140
Central Provinces and Berar	3,99,072	4,33,534	6,13,532	7,37,805	10,10,657	11,78,660	12,75,920
Coorg	10,684	86,501	62,243	78,907	77,016	82,146	74,240
North-West Frontier Province	"	"	"	"	"	"	"
Ajmer	6,197	18,602	13,107	17,620	14,061	16,732	15,350
Baluchistan	"	"	12,594	16,130	39,452	33,505	28,650
Andamans	789	461	5,129	41,103	1,73,130	1,85,438	1,40,810
Imperial Forest College and Research Institute	"	"	"	28,745	45,023	65,120	78,550
Forest Surveys (Imperial)	11,011	69,298	40,147	21,477	24,491	31,926	33,980
Madras	4,56,824	5,76,976	6,20,660	10,67,521	12,86,113	15,06,768	16,53,620
Bombay	6,15,046	8,70,457	12,51,292	15,41,512	19,09,789	19,81,532	21,28,430
GRAND TOTAL	39,83,150	47,76,804	55,09,579	71,26,950	88,03,352	97,96,140	1,10,24,680
	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13	1913-14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial *	1,00,204	1,04,183	1,04,322	92,806	94,714	1,04,162	92,296
Bengal †	7,13,894	5,53,981	5,91,009	6,43,256	7,06,874	6,60,794	6,40,167
United Provinces	11,94,013	12,22,456	12,09,308	12,57,238	13,63,679	16,20,264	18,96,014
Punjab	11,76,606	8,51,627	6,67,532	7,40,542	7,67,146	7,99,176	9,19,177
Burma	35,51,512	37,17,217	36,83,618	35,42,799	41,81,163	41,98,684	42,74,901
Bihar and Orissa	"	"	"	"	3,00,916	3,73,594	3,56,048
Assam ‡	8,00,373	8,91,949	10,12,541	10,57,310	9,41,018	8,08,911	9,10,240
Central Provinces and Berar	15,53,107	17,53,307	15,86,852	15,89,533	18,38,879	19,46,736	19,53,129
Coorg	1,01,819	92,695	1,07,522	1,07,679	1,21,174	1,81,644	1,79,514
North-West Frontier Province	88,103	61,113	77,391	72,492	89,436	1,22,173	1,91,038
Ajmer	18,158	19,916	19,272	19,918	22,343	29,714	27,506
Baluchistan	31,578	36,686	26,519	26,347	28,947	28,527	25,310
Andamans	2,29,267	1,50,911	1,94,159	2,26,963	2,61,732	2,55,141	2,74,676
Imperial Forest College and Research Institute	1,53,938	1,33,191	1,96,171	2,19,188	2,63,441	2,68,445	2,93,938
Forest Surveys (Imperial)	27,069	39,128	41,062	41,149	38,798	35,509	37,743
Madras	27,80,857	29,17,261	33,00,636	52,25,501	34,14,893	31,50,432	29,56,917
Bombay	19,55,127	20,43,571	20,63,058	20,70,117	20,64,436	20,91,155	20,89,577
GRAND TOTAL	1,15,12,933	1,17,28,634	1,40,20,651	1,62,14,023	1,69,40,566	1,72,07,810	1,75,43,455

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests.
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred

MENT XIX.

from 1899-1900 to 1920-21 and the average of 6 quinquennial years from 1869-70 to 1898-99.

DITURE.

1900-01	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	Province.
Rs	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	
83,578	59,889	95,017	80,345	83,058	83,767	85,472	Imperial *
5,70,800	6,57,131	6,38,814	7,03,508	6,58,889	5,92,509	6,83,386	Bengal †
9,63,459	10,08,739	10,18,998	10,81,438	12,01,553	11,05,152	13,06,651	United Provinces.
8,67,243	9,38,335	9,60,095	11,56,416	10,12,151	12,65,661	11,41,403	Punjab.
26,54,717	21,46,457	28,90,203	23,52,404	24,46,021	39,38,063	36,59,753	Burma
...	...	...	...	...	...	...	Bihar and Orissa.
2,47,972	3,29,112	3,27,409	4,24,484	5,03,656	5,03,910	7,07,860	Assam ‡
11,66,866	12,00,904	12,57,359	12,50,966	13,20,616	13,07,153	13,42,898	Central Provinces and Berar.
70,003	82,338	89,437	92,191	83,220	95,748	1,02,855	Coorg.
...	10,510	54,086	60,603	74,968	95,258	92,650	North-West Frontier Province.
16,782	15,927	16,377	16,680	15,611	17,181	16,715	Ajmer.
29,254	24,180	23,240	21,697	24,672	25,743	26,322	Baluchistan
1,40,137	2,04,167	2,51,702	2,66,121	3,42,421	3,35,985	2,95,136	Andamans.
71,238	76,290	66,388	59,339	61,224	80,069	1,37,486	Imperial Forest College and Research Institute
22,991	23,730	33,955	23,935	28,229	30,014	30,359	Forest Surveys (Imperial).
17,15,451	17,01,554	18,35,552	17,50,930	19,46,093	22,66,602	24,30,660	Madras.
24,08,581	17,19,680	16,76,441	17,75,937	19,03,531	21,22,093	19,90,153	Bombay.
1,11,60,010	1,07,46,388	1,12,47,331	1,21,06,983	1,29,67,556	1,42,68,521	1,40,63,799	GRAND TOTAL
1914-15.	1915-16.	1916-17.	1917-18.	1918-19	1919-20	1920-21.	
Rs.	Rs.	Rs.	Rs	Rs	Rs	Rs.	
89,478	1,03,502	1,03,248	90,332	1,10,689	1,37,777	1,66,993	Imperial *
6,70,935	6,93,635	6,19,649	7,38,712	8,26,836	9,72,807	12,36,750	Bengal †
23,17,740	25,64,367	27,15,916	32,01,928	46,98,953	61,53,475	70,43,578	United Provinces.
8,39,102	9,24,576	8,34,662	11,63,019	17,05,934	24,16,120	35,75,719	Punjab.
46,97,147	48,56,211	49,76,858	51,67,179	70,91,982	85,39,260	73,07,011	Burma.
3,54,771	3,61,550	4,47,172	3,90,716	4,70,549	5,05,600	5,89,118	Bihar and Orissa.
8,99,320	7,65,214	6,76,033	6,85,627	6,90,961	8,31,717	9,66,601	Assam ‡
19,36,560	17,44,926	17,68,775	18,72,121	20,15,543	23,76,230	27,33,691	Central Provinces and Berar.
1,75,818	1,71,633	1,60,492	1,92,011	4,25,672	5,07,547	4,66,756	Coorg.
1,25,535	1,64,795	1,18,070	1,53,875	2,07,357	3,01,453	4,54,197	North-West Frontier Province.
21,737	25,152	26,634	26,604	28,509	47,282	37,417	Ajmer.
26,000	27,995	20,019	29,990	28,787	25,911	28,761	Baluchistan
2,58,056	4,50,932	4,28,652	3,67,712	6,12,846	9,71,491	13,27,930	Andamans.
2,31,091	2,75,518	3,05,498	2,82,694	2,98,019	3,18,501	4,67,454	Imperial Forest College and Research Institute.
42,353	45,673	47,407	50,597	59,110	59,953	90,418	Forest Surveys (Imperial)
23,63,655	23,17,318	23,42,678	20,20,749	21,82,620	36,63,918	45,90,156	Madras.
21,67,925	26,42,078	25,64,681	23,53,714	29,72,197	53,13,681	52,05,021	Bombay.
1,82,00,450	1,85,92,167	1,67,48,892	2,11,57,063	2,55,75,905	3,17,63,199	3,94,19,607	GRAND TOTAL

Office establishment and sundry and other local items and revenue and charges, on Indore and Bangalore
Orissa.
to Bengal.

Home charges

Surplus of the Forest Department throughout India for the 22 financial years

(III) SUR

PROVINCE	Average of 1869-70 to 1878-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial *	—61,510	—65,395	—55,025	—70,269	—78,378	—73,128	—90,460
Bengal †	53,281	77,748	2,51,131	2,37,037	3,02,284	5,10,712	5,93,700
United Provinces	2,90,074	3,91,031	2,95,957	5,15,627	7,12,767	5,98,746	6,72,300
Punjab	1,41,803	1,46,410	1,90,098	2,67,578	2,51,013	3,50,286	1,98,310
Burma	4,01,151	6,16,806	9,75,844	11,78,891	33,06,271	44,91,900	53,04,610
Bihar and Orissa	...	...	...	...	...	...	...
Assam ‡	...	12,905	29,427	20,400	1,14,591	1,29,012	2,10,060
Central Provinces and Berar	3,42,807	5,40,202	6,08,157	6,73,759	6,78,519	1,97,208	21,670
Coorg	51,807	12,296	40,022	39,117	76,120	51,310	88,190
North-West Frontier Province	...	...	...	...	...	...	...
Ajmer	—6,132	—17,540	—8,723	—5,761	1,172	—2,500	—5,080
Baluchistan	...	...	—4,033	5,167	—21,151	—15,178	—11,620
Andamans	1,728	4,004	29,711	10,525	1,02,889	69,010	1,10,680
Imperial Forest College and Research Institute	...	...	...	—28,349	—43,897	—62,050	—70,340
Forest Surveys (Imperial)	—11,911	—61,571	—49,308	—21,271	—23,823	—31,030	—33,560
Madras	1,16,400	11,118	1,35,960	2,32,930	4,29,815	6,01,232	6,48,700
Bombay	5,29,627	3,53,074	6,12,526	11,60,502	14,46,104	10,61,662	2,80,770
GRAND TOTAL	16,06,631	20,53,507	32,07,684	42,41,102	53,45,662	79,19,816	79,84,930
	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13	1913-14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial *	—92,539	—95,994	—93,700	—53,944	—84,034	—91,825	—57,925
Bengal †	4,34,255	6,00,964	4,99,511	5,24,159	4,16,003	19,89,847	2,75,054
United Provinces	12,15,732	9,52,570	10,91,586	11,40,501	16,52,457	19,14,699	18,16,473
Punjab	2,80,758	4,07,165	3,64,881	4,77,146	5,14,981	4,09,857	4,35,756
Burma	51,12,457	51,71,765	56,79,159	62,27,318	59,86,332	67,68,809	71,50,529
Bihar and Orissa	...	...	...	...	1,06,207	88,064	1,00,987
Assam ‡	6,80,071	5,55,019	5,22,191	5,01,295	3,05,807	3,38,180	1,57,729
Central Provinces and Berar	7,06,741	3,24,835	4,91,189	5,21,693	7,11,475	12,25,090	12,33,324
Coorg	1,69,937	1,24,745	1,05,807	1,08,376	1,79,906	1,20,109	1,50,713
North-West Frontier Province	1,50,090	41,360	95,914	1,32,870	6,735	1,15,010	1,35,715
Ajmer	11,076	7,639	4,718	13,228	4,018	6,982	10,302
Baluchistan	—6,429	—13,221	—7,520	—3,175	—8,630	—5,368	—5,322
Andamans	62,535	21,077	65,318	1,59,810	2,00,428	1,91,781	1,71,135
Imperial Forest College and Research Institute	—1,51,991	—1,78,511	—1,01,265	—2,15,103	—2,57,891	—2,60,831	—2,92,532
Forest Surveys (Imperial)	—27,000	—39,129	—41,062	—41,110	—33,789	—25,809	—37,743
Madras	11,12,979	9,79,669	8,38,746	6,51,610	7,51,049	1,01,991	12,64,503
Bombay	16,90,750	15,43,482	16,94,668	16,47,807	10,66,193	23,00,004	25,17,279
GRAND TOTAL	1,18,59,046	1,07,80,766	1,11,05,140	1,21,61,431	1,21,10,793	1,50,01,998	1,57,58,090

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred

MENT XIX.

from 1899-1900 to 1920-21 and the average of 6 quinquennial years from 1869-70 to 1898-99.

PLUS.

1900-01.	1901-02	1902-03.	1903-04	1904-05	1905-06.	1906-07.	Province
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
—81,116	—76,055	—81,853	—81,390	—79,290	—76,612	—95,472	Imperial.*
6,62,593	6,35,106	6,18,293	3,62,016	4,78,363	5,25,033	4,32,473	Bengal †
6,02,024	7,06,769	10,11,326	11,99,008	10,05,736	10,28,246	11,96,013	United Provinces
4,63,499	5,09,223	6,26,313	5,61,882	8,62,089	5,17,059	4,60,881	Punjab
52,93,717	32,27,481	38,43,500	49,16,131	55,12,333	63,91,806	61,62,766	Burma.
...	...	...	...	...	...	...	Bihar and Orissa.
2,01,549	1,83,851	2,52,701	2,50,248	3,12,051	5,12,186	6,12,733	Assam ‡
99,748	3,78,212	4,37,140	7,17,086	6,92,844	11,41,978	10,58,381	Central Provinces and Berar.
66,691	87,909	1,01,293	1,31,810	1,06,267	1,49,671	1,93,054	Coorg.
...	6,198	47,093	41,230	16,033	33,671	89,504	North-West Frontier Province
—6,136	—9,002	—6,041	2,796	1,666	—2,150	1,620	Ajmer
—12,293	—9,768	—3,904	3,334	—2,117	—4,202	—5,127	Baluchistan.
1,37,749	62,276	41,333	1,66,360	2,78,365	2,46,529	3,11,891	Andamans.
—67,641	—72,745	—63,086	—56,701	—57,867	—77,589	—1,32,997	Imperial Forest College and Research Institute.
—39,564	—33,567	—30,951	—39,704	—28,229	—30,014	—30,789	Forest Surveys (Imperial).
6,24,730	8,33,876	7,78,267	9,06,797	8,43,116	7,01,002	8,10,000	Madras
5,62,948	6,60,010	6,52,715	9,75,608	11,10,964	13,58,000	14,82,298	Bombay.
86,10,463	70,77,827	82,22,109	1,03,19,754	1,10,62,094	1,24,16,073	1,21,27,657	GRAND TOTAL.
1911-12	1912-13.	1913-14.	1914-15	1915-16	1916-17	1917-18	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
—84,431	—86,015	—78,702	—86,612	—83,160	—1,08,260	—1,11,771	Imperial *
6,33,561	5,51,575	7,19,120	6,93,257	11,16,269	10,78,930	8,19,013	Bengal. †
5,17,495	11,72,621	23,05,017	29,11,769	29,93,203	13,16,479	17,76,203	United Provinces
5,48,703	5,03,405	7,53,139	9,69,728	3,59,974	11,69,753	2,29,399	Punjab
50,27,217	49,12,976	71,12,913	68,74,920	68,76,570	98,97,062	1,10,68,016	Burma.
1,65,408	1,56,177	81,103	3,62,909	5,13,911	3,10,553	2,21,184	Bihar and Orissa
—85,162	2,30,838	4,72,543	7,23,329	8,17,757	6,59,873	5,65,197	Assam ‡
12,36,950	16,13,926	16,02,893	15,94,769	11,72,574	21,70,191	16,00,925	Central Provinces and Berar.
23,491	2,72,622	3,26,722	2,55,71	2,52,301	1,10,191	—38,107	Coorg.
1,14,120	83,020	1,24,915	1,83,870	1,73,915	1,11,056	—2,81,418	North-West Frontier Province
9,137	—1,707	—5,362	1,210	8,772	—12,318	10,495	Ajmer
—6,942	—6,462	—8,652	—12,075	—1,679	—7,477	—6,217	Baluchistan.
61,192	3,953	2,31,059	3,96,992	6,71,667	—1,70,693	—7,03,556	Andamans.
—3,22,474	—2,71,523	—2,97,209	—2,81,390	—2,62,315	—3,10,196	—1,14,636	Imperial Forest College and Research Institute.
—42,053	—48,963	—17,167	—56,547	—62,110	—62,953	—20,413	Forest Surveys (Imperial).
10,10,853	11,79,520	17,53,448	21,32,110	16,05,910	25,40,801	8,59,760	Madras
21,92,817	26,39,225	29,64,196	29,59,303	26,81,511	25,75,750	15,93,533	Bombay
1,15,03,394	1,25,23,760	1,28,18,017	1,93,12,191	1,79,12,729	2,19,12,510	1,77,23,553	GRAND TOTAL.

* Office Establishment, and undistributable and petty local items and charges, on Indore and Dargalore. Excludes House charges.
 † Orissa.
 ‡ Bengal.

